

PTO/SB/97 (08-03)

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703-746-7240 Attn Examiner N. Wright

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/544,777	
	Filing Date	04/07/2000	
	First Named Inventor	Groenveld et al	
	Group Art Unit	2134	
	Examiner Name	N. Wright	
Total Number of Pages in This Submission	11	Attorney Docket Number	LIT-PI-484

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Alan D. Kirsch, Registration No.: 33,720
Signature	<i>Alan D. Kirsch</i>
Date	10/15/04

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 10/15/04	
Typed or printed name	Mandy Landon
Signature	<i>Mandy Landon</i>
Date	<i>10/15/04</i>

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bennett J. Groenveld et al.

Serial No.: 09/544,777

Filed: April 7, 2000

For: DIGITAL DATA STORAGE
SYSTEMS, COMPUTERS AND DATA
VERIFICATION METHODS

Examiner: N. Wright

Group Art Unit: 2134

Attorney Docket No.: LIT-PI-484

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Sir:

It is respectfully noted in the Office Action mailed on July 6, 2004, that an initialed copy of the Applicants 1449 was not returned with the action. As a courtesy to the examiner, a copy of the original Information Disclosure Statement and PTO-1449 as mailed on December 18, 2000, are attached. Applicants respectfully request an initialed copy be returned by the Office at the Office's convenience. If copies of the cited publications are needed, please let the Applicant know, and copies will be forwarded to the Examiner.

Dated: 10/5/04By: Alan D. KirschAlan D. Kirsch
Attorney for Applicants
Reg. No. 33,720
P.O. Box 1625
Idaho Falls, Idaho 83415-3899
(208) 526-1371

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Inventor(s):** Bennett J. Groeneveld, et al**Serial No.:** 09/544,777**Examiner:** Unknown**Filing Date:** 04/07/00**Group Art Unit:** 2766**Title:** DIGITAL SIGNATURE SYSTEM WITH NONREPUDIATION FOR RELATIONAL DATABASES**Assistant Commissioner for Patents**
Washington, D.C. 20231**RECEIVED**
CENTRAL FAX CENTER
OCT 05 2004**INFORMATION DISCLOSURE STATEMENT**

Sir:

This Information Disclosure Statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last.

It is requested that the newly discovered information disclosed herein be made of the record in this application.

Respectfully submitted,

By Alan D. Kirsch
Alan D. Kirsch
Reg. No.: 33,720Date: 12/18/00**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being:

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Patricia Buttkofer
SignaturePatricia Buttkofer
(Type or print name of person certifying)

Form PTO-1419		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. LIT-PI-484 - 83869-99		SERIAL NO. 09/544,777	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Benson J. Groenfeld et al.			
				FILING DATE April 7, 2000		GROUP Unknown	
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR	"Public Key Solutions - Secure Digital ... Information Systems and E-commerce"; http://www.grubbs.com/pks.html ; 6 pages					
	AS	"FirmEdge Solutions"; "Creating Binding E-Commerce, Legally Binding XML Solutions"; http://www.vel.com/laaffaq.html ; 3 pages					
	AT	"Digital Signatures Guidelines - Tutorial" "American Bar Association Section of Science and Technology Information Security Committee"; http://abameet.org/techinfo/faq/dig-tutorial.html ; 6 pages					
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. LIT-PI-484 - 484-000000		SERIAL NO. 09/544,777	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Bennett J. Groenewald et al.			
				FILING DATE April 7, 2000		GROUP Unknown	
U.S. PATENT DOCUMENTS							
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR		"MIT distribution site for PGP" "Welcome to the MIT Distribution Center for PGP(Pretty Good Privacy)"; http://web.mit.edu/network/pgsql.html ;				
			3 pages				
	AS		"ILUMIN" ILUMIN" Process" wysbeyg://233/http://www.ilumin.com/technology/process; 3 pages				
	AT		"Transwaste Reporting, Inventory, and Processing System (TRIPS) Information Model Dictionary"; Release 2.0; Herring, C.A. and Christensen, D.W.; March 1998; pgs. 1-196.				
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Bennett J. Greenfeld et al.			
				FILING DATE April 7, 2000	GROUP Unknown		
U.S. PATENT DOCUMENTS							
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							Yes No
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR		"ABA Digital Signatures Guidelines"; "Legal Infrastructure for Certification Authorities and Secure Electronic Commerce"; August 1, 1996; pp. 1-132				
	AS		"TRIPS Mtd Design R9.0"; B. Greenfeld, W. Aurtad, C. Herring, K. Wagner; pp. 1-5.				
	AT		"TRIPS Technical Investigation"; Scalability of Electronic Approval Snapshots: OS Pmt Files vs. LDAP; S. Walsh, B. Nowak, W. Aurnad; May 5, 1998; 3 pages.				
EXAMINER				DATE CONSIDERED			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPF 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Bennett J. Groenewald et al.			
					FILING DATE April 7, 2000		GROUP Unknown	
U.S. PATENT DOCUMENTS								
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AR		"TRIPS Mini Design" "Data Validation Business Rules"; M. Shertak, K. Lundquist, L. Pask, E. Damas, S. Hasky, R. Arbon, G. Hayes, G. Tweedell, C. Crowder, and B. Evans; July 15, 1998; pgs. 1-5.					
	AS		"TRIPS Mini Design" "Electronic Signature Architecture"; W. Austad, S. Walsh, C. Herring, and B. Groenewald; September 28, 1998; pgs. 1-8.					
	AT		"Transmatic Reporting, Inventory, and Processing System (TRIPS) Electronic Signature Background Documents"; November 3, 1997; pgs. 1-22.					
EXAMINER				DATE CONSIDERED				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. LIT-PI-484 - XXXXXXXXXX	SERIAL NO. 09/544,777
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Bernett J. Groenfeld et al.	
					FILING DATE April 7, 2000	GROUP Unknown
U.S. PATENT DOCUMENTS						
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
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	AN					
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)						
	AR	*PKCS #1: RSA Encryption Standard, Version 1.5; RSA Laboratories; November 1, 1993; pgs. 1-37.				
	AS	*TRIPS Mini Design "Electronic Approval (Draft - R4 Design Base)"; W. Arstad, S. Walsh, C. Herring; April 7, 1998; pgs. 1-37.				
	AT	*PKCS #11: Cryptographic Token Interface Standard; Version 2.01; December 22, 1997; pgs. 1-246.				
EXAMINER				DATE CONSIDERED		
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>						

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. LIT-PI-484 - 20000000		SERIAL NO. 09/544,777	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Bennett J. Groemeld et al.			
					FILING DATE April 7, 2000		GROUP Unknown	
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR		"Useful Terminal Services Resource Kit Utilities" http://support.microsoft.com/support/itkb/articles/Q2404/4/44.ASP?LN=EN-US&SD=gn&FR=0 ; August 8, 2000; 2 pages.					
	AS		"JaiForm" "FormFlow®"; "The Next Generation E-forms Solution from JaiForm"; "Product White Paper"; pps. 1-29.					
	AT		"Non-Repudiable - Electronic Signatures in the Transuranic Reporting and Inventory Processing System"; R.G. Oesterling, W.R. Aunnad; B.J. Groemeld; C.A. Herring, C. Madecus; S.C. Walsh; pps. 1-17.					
EXAMINER				DATE CONSIDERED				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Benneu J. Groenfeld et al.	
					FILING DATE April 7, 2000	GROUP Unknown
U.S. PATENT DOCUMENTS						
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	AO					
	AP					
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)						
	AR		"Enterprise Reality" "Creating Data Confidence Through Access Controls and Electronic Signatures"; Carol Mancuso; May 3-6, 1998; pgs. 1-26.			
	AS		"Using Public Key Digital Signatures in Paperless Information Systems" http://www.gratwell.com/PTO/ ; 6/4/99; pgs. 1-18			
	AT					
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